

CLAIMS

1. A drive arrangement for a shaft, the arrangement having a module  
5 which is carried, in use, by the shaft and includes a motor, a driven wheel  
fixed, in use, for rotation with the shaft and drivable, in use, by the motor, and  
clutch means operable between the motor and the wheel, the clutch means  
including a base structure carried, in use, by the shaft, a first carriage  
10 structure movable relative to the base structure and carrying the motor, a  
drive wheel driven by the motor, and a belt around the drive wheel and the  
driven wheel, whereby the belt can be releasably engaged with the wheels by  
means of movement of the first carriage structure relative to the base  
structure, and wherein control means are provided and are operable, in use,  
15 to releasably apply a force between the first carriage structure and the base  
structure, to urge apart the drive wheel and the driven wheel, thereby  
engaging the clutch means.

2. A drive arrangement according to claim 1, wherein the control means is  
operable from a remote location.

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3. A drive arrangement according to claim 2, wherein the control means is  
operable by means of a control cable extending from the arrangement to the  
remote location.

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4. A drive arrangement according to claim 3, wherein the control cable is  
a Bowden cable extending from the assembly to the remote location and  
having an inner cable and sheath mounted to respective ones of the first  
carriage structure and the base structure, whereby the said force may be  
applied by manipulation of the Bowden cable at the remote location.

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5. A drive arrangement according to claim 4, wherein the inner cable is  
mounted to the first carriage structure.

6. A drive arrangement according to claim 4 or 5, wherein the sheath is mounted to the base structure.

5 7. A drive arrangement according to claim 4, 5 or 6, wherein the sheath is fixedly mounted at the remote location, whereby the clutch means is operable by manipulation of the inner cable relative to the sheath.

10 8. A drive arrangement according to any preceding claim, wherein the arrangement includes a second carriage structure movable relative to the base structure into and out of driving engagement with the shaft.

15 9. A drive arrangement according to claim 8, wherein the control means is operable to cause the second carriage structure to move into and out of driving engagement as soon as the clutch means is disengaged and engaged, respectively.

20 10. A drive arrangement according to claim 8 or 9, wherein the second carriage structure and the shaft carry respective toothed members which mesh when the second carriage structure and the shaft are in driving engagement.

25 11. A drive arrangement according to claim 8, 9 or 10, wherein the second carriage structure includes manually operable drive means for manually driving the shaft when the second carriage structure and the shaft are in driving engagement.

30 12. A drive arrangement according to claim 11, wherein the manually operable drive means comprise a wheel operable to turn by means of an elongate closed loop member, the wheel being coupled with the toothed member of the second carriage structure, to cause the shaft to be driven when the wheel is turned and the toothed members are meshed.

13. A drive arrangement according to any of claims 8 to 12, wherein the control means is a Bowden cable extending from the assembly to the remote location and having an inner cable and sheath attached to respective ones of  
5 the first and second carriage structures, whereby the said force may be applied by manipulation of the Bowden cable at the remote location.

14. A drive arrangement according to claim 13, wherein spring means are provided to urge the second carriage member into driving engagement with  
10 the shaft, when the Bowden cable is released.

15. A drive arrangement according to claim 14, wherein the sheath is attached to the second carriage member.

15 16. A drive arrangement according to claim 14 or 15, wherein the inner cable is attached to the first carriage member.

17. A drive arrangement according to any of claims 13 to 16, wherein the sheath is fixedly mounted at the remote location, whereby the clutch means  
20 may be operated by manipulation of the inner cable relative to the sheath.

18. A drive arrangement substantially as described above, with reference to the accompanying drawings.

25 19. Any novel subject matter or combination including novel subject matter disclosed herein, whether or not within the scope of or relating to the same invention as any of the preceding claims.